

Title (en)

Method and device for influencing a compressor inlet valve

Title (de)

Verfahren und Einrichtung zur Beeinflussung eines Kompressor-Saugventils

Title (fr)

Procédé et dispositif pour influencer une soupape d'entrée pour un compresseur

Publication

EP 0801227 B1 20030709 (DE)

Application

EP 97890047 A 19970314

Priority

AT 66296 A 19960412

Abstract (en)

[origin: EP0801227A2] The control device (12) acts on the closure element (7) of the compressor suction valve (6) over part of the crank rotation, to provide forced opening of the valve shortly before reaching the pressure equalisation between the cylinder space and the suction space of the compressor. The forced opening is effected at a crank angle of between 0 and 20 degrees before reaching the pressure equalisation point. The control device may employ a hydraulic control cylinder with monitoring of the pressure for periodic opening of the closure element for indirect monitoring of the opening rate.

IPC 1-7

F04B 7/02; **F04B 39/08**

IPC 8 full level

F04B 27/02 (2006.01); **F04B 39/08** (2006.01)

CPC (source: EP US)

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Cited by

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